

Draft 2014 Integrated Report Summary for the Pocatello Region

Subject to change

New listings in Category 5/ Additions to the 303 (d) list.

The Pocatello Region is proposing 14 new causes of assessment unit (AU) impairment to the 303 (d) list (Category 5) due to identification of impairments of designated uses of waters in the region (Table 1). The newly identified causes of impairment are: *Escherichia coli* (6), Combined Biota/Habitat Bioassessments (5), Selenium (2), and Sedimentation/Siltation (1). The total mileage of newly identified impairments is 150.47.

Table 1. Assessment unit cause-combinations added to Category 5 for the 2014 Integrated Reporting cycle (draft)

Assessment Unit	AU Name	HUC	Length (mi)	Impairment
ID16010201BR020_02e	Montpelier Creek - headwaters to Whiskey Creek	Bear Lake	4.12	Combined Biota/Habitat Bioassessments
ID16020309BR003_02	Rock Creek - source to mouth	Curlew Valley	60.9	Combined Biota/Habitat Bioassessments
ID16020309BR003_03a	Rock Creek	Curlew Valley	3.71	<i>Escherichia coli</i>
ID17040105SK003_02c	Lau Creek	Salt	2.03	Combined Biota/Habitat Bioassessments
ID17040105SK003_02d	Houtz Creek	Salt	1.13	Combined Biota/Habitat Bioassessments
ID17040105SK008_02a	White Dugway Creek	Salt	5.31	Sedimentation/Siltation
ID17040105SK008_04	Crow Creek - Deer Creek to border	Salt	10.44	Selenium
ID17040207SK013_03	Dry Valley Creek - source to mouth	Blackfoot	4.98	Combined Biota/Habitat Bioassessments
ID17040207SK018_02d	Corrailsen Creek	Blackfoot	3.92	<i>Escherichia coli</i>
ID17040207SK018_04	Lanes Creek - Chippy Creek to Blackfoot River	Blackfoot	9.42	<i>Escherichia coli</i>
ID17040207SK021_02a	Olsen Creek - upper (Blackfoot River tributary)	Blackfoot	3.05	<i>Escherichia coli</i>
ID17040207SK022_02a	South Fork Sheep Creek	Blackfoot	1.84	Selenium
ID17040207SK030_02	Wolverine Creek - source to Jones Creek	Blackfoot	32.91	<i>Escherichia coli</i>
ID17040208SK004_02d	East Fork Mink Creek	Portneuf	6.71	<i>Escherichia coli</i>

Causes of impairments delisted from Category 4 or Category 5

The Pocatello Region is proposing to delist 65 causes of impairment from 50 unique assessment units. The causes proposed for delisting are: Sedimentation/Siltation (28), *Escherichia coli* (11), Cause Unknown (7), Total Phosphorus (5), Combined Biota/Habitat Bioassessments (4), Total Nitrogen (3), Habitat Assessment (Stream) (3), Selenium (2), Temperature (1), and Nutrient/Eutrophication Biological Indicators (1) (Table 2). The AU delisting rationale included in Table 2 is just a brief summary of the entire assessment. For the complete assessment please consult the Draft 2014 Integrated Report, Appendix M.

Table 2. Proposed delistings of assessment unit cause-combinations for the 2014 Integrated Reporting cycle (draft)

Assessment Unit	AU Name	HUC	Length (mi)	Cause	Category	Rational
ID16010102BR001_05	Bear River - Idaho/Wyoming border to railroad bridge	Central Bear	26.31	Sedimentation/Siltation	5	Duplicate listing
ID16010201BR008_02	Co-Op Creek - source to mouth	Bear Lake	3.13	Sedimentation/Siltation	5	Original listing was incorrect
ID16010201BR008_02	Co-Op Creek - source to mouth	Bear Lake	3.13	Phosphorus (Total)	5	Original listing was incorrect, data do not indicate a nutrient impairment
ID16010201BR008_02a	Upper Co-Op Creek	Bear Lake	5.48	Sedimentation/Siltation	5	Original listing was incorrect, data do not indicate a sediment impairment
ID16010201BR008_02a	Upper Co-Op Creek	Bear Lake	5.48	Phosphorus (Total)	5	Original listing was incorrect, data do not indicate a nutrient impairment
ID16010201BR020_02	Montpelier Creek Tributaries - source to mouth	Bear Lake	32.12	Sedimentation/Siltation	5	Original listing was incorrect, data do not indicate a sediment impairment
ID16010201BR020_02e	Montpelier Creek - headwaters to Whiskey Creek	Bear Lake	4.12	Cause Unknown	5	Replace with more accurate listing
ID16010202BR014_02b	Cottonwood Creek Tributaries - source to Shingle Creek	Middle Bear	27.02	Combined Biota/Habitat Bioassessments	5	Original listing was incorrect, data indicate full support of beneficial uses
ID16010203BR002_03	Logan River - source to Idaho/Utah border	Little Bear-Logan	1.2	Sedimentation/Siltation	5	Data indicate full support of beneficial uses
ID16010204BR001_02c	West Cherry Creek - Malad River tributary	Lower Bear-Malad	4.52	Habitat Assessment (Streams)	5	Duplicate listing
ID16010204BR001_02c	West Cherry Creek - Malad River tributary	Lower Bear-Malad	4.52	Cause Unknown	5	Duplicate listing
ID16010204BR002_03	Devil Creek - Devil Creek Reservoir Dam to mouth	Lower Bear-Malad	25.26	Combined Biota/Habitat Bioassessments	5	True cause of impairment identified
ID16010204BR002_03	Devil Creek - Devil Creek Reservoir Dam to mouth	Lower Bear-Malad	25.26	Cause Unknown	5	True cause of impairment identified
ID16010204BR011_02	Dairy Creek - source to mouth	Lower Bear-Malad	42.14	Combined Biota/Habitat Bioassessments	5	Original listing was incorrect, data indicate full support of beneficial uses
ID17040105SK001_02c	Trout Creek - source to mouth	Salt	8.34	Sedimentation/Siltation	5	Data indicate full support of beneficial uses
ID17040105SK003_02a	Rich Creek	Salt	1.5	Habitat Assessment (Streams)	5	Replace with a more accurate listing
ID17040105SK003_02a	Rich Creek	Salt	1.5	Cause Unknown	5	Replace with a more accurate listing
ID17040105SK003_02c	Lau Creek	Salt	2.03	Habitat Assessment (Streams)	5	Replace with a more accurate listing
ID17040105SK003_02c	Lau Creek	Salt	2.03	Cause Unknown	5	Replace with a more accurate listing
ID17040105SK003_02d	Houtz Creek	Salt	1.13	Cause Unknown	5	Replace with a more accurate listing

ID17040105SK006_02d	West Fork Boulder Creek	Salt	3.18	Cause Unknown	5	Original listing was incorrect, data indicate full support of beneficial uses
ID17040105SK008_02a	White Dugway Creek	Salt	5.31	Combined Biota/Habitat Bioassessments	5	Replace with a more accurate listing
ID17040207SK006_02	Corral Creek - Headwaters and unnamed tributaries	Blackfoot	40.63	<i>Escherichia coli</i>	5	Original listing was incorrect
ID17040207SK006_03	Corral Creek - middle	Blackfoot	9.23	<i>Escherichia coli</i>	5	Original listing was incorrect, available data do not indicate an <i>E. Coli</i> impairment
ID17040207SK008_03	Thompson Creek - source to mouth	Blackfoot	2.32	<i>Escherichia coli</i>	5	Original listing was incorrect
ID17040207SK015_02	Spring Creek (Blackfoot River tributary)	Blackfoot	7.31	<i>Escherichia coli</i>	5	Original listing was incorrect
ID17040207SK015_03	Lower Spring Creek	Blackfoot	0.05	<i>Escherichia coli</i>	5	Original listing was incorrect, available data do not indicate an <i>E. Coli</i> impairment
ID17040207SK016_02	Diamond Creek - unnamed tributaries	Blackfoot	41.77	<i>Escherichia coli</i>	5	Original listing was incorrect
ID17040207SK016_02a	Upper Diamond Creek	Blackfoot	4.43	<i>Escherichia coli</i>	5	Original listing was incorrect, available data do not indicate an <i>E. Coli</i> impairment
ID17040207SK022_02	Upper Sheep Creek - headwaters and unnamed tributaries	Blackfoot	11.64	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040207SK022_02	Upper Sheep Creek - headwaters and unnamed tributaries	Blackfoot	11.64	Selenium	5	Original listing was incorrect, data do not indicate a selenium impairment
ID17040207SK022_02	Upper Sheep Creek - headwaters and unnamed tributaries	Blackfoot	11.64	Temperature	5	Original listing was incorrect
ID17040207SK022_03a	Sheep Creek - above confluence of South Fork Sheep Creek	Blackfoot	2.3	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040207SK022_03a	Sheep Creek - above confluence of South Fork Sheep Creek	Blackfoot	2.3	Selenium	5	Original listing was incorrect, data do not indicate a selenium impairment
ID17040207SK023_02	Angus Creek - unnamed tributaries	Blackfoot	11.31	<i>Escherichia coli</i>	5	Original listing was incorrect
ID17040207SK023_04	Lower Angus Creek - Rasmussen Creek to Blackfoot River	Blackfoot	3.46	<i>Escherichia coli</i>	5	Original listing was incorrect, available data do not indicate an <i>E. Coli</i> impairment
ID17040207SK027_02b	Poison Creek - source to Rawlins Creek	Blackfoot	12.09	<i>Escherichia coli</i>	5	Original listing was incorrect, available data do not indicate an <i>E. Coli</i> impairment
ID17040207SK029_03	Cedar Creek - source to mouth (Blackfoot River tributary)	Blackfoot	2.1	<i>Escherichia coli</i>	5	Original listing was incorrect, available data do not indicate an <i>E. Coli</i> impairment
ID17040207SK030_02	Wolverine Creek - source to	Blackfoot	32.91	Sedimentation/Siltation	5	Original listing was incorrect, data do not

	Jones Creek					indicate a nutrient impairment
ID17040207SK030_02	Wolverine Creek - source to Jones Creek	Blackfoot	32.91	Nutrient/Eutrophication Biological Indicators	5	Original listing was incorrect, data do not indicate a sediment impairment
ID17040208SK004_02	Mink Creek 2nd ord tribs - source to mouth	Portneuf	29.06	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK004_02	Mink Creek 2nd ord tribs - source to mouth	Portneuf	29.06	Nitrogen (Total)	4a	TMDL incorrectly applied to this AU, data do not indicate a nitrogen impairment
ID17040208SK004_02	Mink Creek 2nd ord tribs - source to mouth	Portneuf	29.06	Phosphorus (Total)	4a	TMDL incorrectly applied to this AU, data do not indicate a phosphorus impairment
ID17040208SK004_02b	Mink Creek - West Fork (Portneuf tributary)	Portneuf	8.71	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK004_02b	Mink Creek - West Fork (Portneuf tributary)	Portneuf	8.71	Nitrogen (Total)	4a	TMDL incorrectly applied to this AU, data do not indicate a nitrogen impairment
ID17040208SK004_02b	Mink Creek - West Fork (Portneuf tributary)	Portneuf	8.71	Phosphorus (Total)	4a	TMDL incorrectly applied to this AU, data do not indicate a phosphorus impairment
ID17040208SK004_04a	Mink Creek - East Fork to USFS bdy (Portneuf tributary)	Portneuf	1.52	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK004_04a	Mink Creek - East Fork to USFS bdy (Portneuf tributary)	Portneuf	1.52	Nitrogen (Total)	4a	TMDL incorrectly applied to this AU, data do not indicate a nitrogen impairment
ID17040208SK004_04a	Mink Creek - East Fork to USFS bdy (Portneuf tributary)	Portneuf	1.52	Phosphorus (Total)	4a	TMDL incorrectly applied to this AU, data do not indicate a phosphorus impairment
ID17040208SK007_02	Walker Creek - lower	Portneuf	2.88	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK017_02a	East Creek	Portneuf	11.07	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK017_02b	Deer Creek - Dempsey/Portneuf River tributary	Portneuf	3.28	Sedimentation/Siltation	4a	Water quality standards attained, sediment no longer impairs aquatic life uses
ID17040208SK017_02d	Dempsey Creek	Portneuf	18.44	Sedimentation/Siltation	4a	Water quality standards attained, sediment no longer impairs aquatic life uses
ID17040208SK021_02b	North Fork Toponce Creek	Portneuf	6.81	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK021_02c	Middle Fork Toponce Creek	Portneuf	8.31	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK021_02d	Toponce Creek - South Fork	Portneuf	18.25	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK022_02a	Pebble Creek - Big Canyon to North Fork Pebble Creek	Portneuf	9.23	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK022_02d	Pebble Creek - North Fork	Portneuf	12.88	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK022_03	Pebble Creek - lower	Portneuf	6.31	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK023_02c	Webb Creek	Portneuf	10.18	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment

ID17040208SK023_02d	Sawmill Creek	Portneuf	4.28	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK023_02g	West Fork Rapid Creek	Portneuf	6.58	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment
ID17040208SK023_02h	Inman Creek - North and South Fork	Portneuf	4.69	Sedimentation/Siltation	4a	Water quality standards attained, sediment no longer impairs aquatic life uses
ID17040208SK023_02i	North Fork Rapid Creek	Portneuf	4.87	Sedimentation/Siltation	4a	Water quality standards attained, sediment no longer impairs aquatic life uses
ID17040208SK023_03b	Inman Creek-Confluence of Forks to USFS boundary	Portneuf	2.32	Sedimentation/Siltation	4a	TMDL incorrectly applied to this AU, data do not indicate a sediment impairment

TMDLs and Priorities

The Pocatello Region has one TMDL in development; this TMDL addresses impairments within the Curlew Valley hydrologic unit. Additionally, the *Salt River Subbasin Assessment and Total Maximum Daily Loads* document was submitted to EPA in August of 2015. EPA has not yet issued an approval of the TMDL, thus assessment determinations included in the TMDL are not reflected in the draft 2014 Integrated Report. If approval is granted prior to the final draft of the 2014 Integrated Report the status of the AUs included in the TMDL will be updated for the final draft.

As the prioritization based on the 2002 Settlement Agreement becomes obsolete, DEQ is moving towards a prioritization scheme based on other water quality management objectives (Table 3). Hydrologic units without Category 5 pollutants are prioritized based on the need to review existing TMDLs.

Table 3. The proposed TMDL and 5-year review prioritization scheme for the Pocatello Region as included in the draft 2014 Integrated Report

Hydrologic Unit Code	US Geological Survey Cataloging Unit Name	Priority	Year	Category 5 pollutants
16020309	Curlew Valley	High	2016	Sedimentation/Siltation, Fecal coliform, Combined Biota/Habitat Bioassessments, <i>Escherichia coli</i> ,
16010202	Middle Bear River	Medium	2018	<i>Escherichia coli</i> , Mercury, Temperature, Fecal coliform, Sedimentation, Siltation,
17040105	Salt River	Medium	2018	Cause Unknown, Combined Biota/Habitat Bioassessments, <i>Escherichia coli</i> , Fecal coliform, Sedimentation/Siltation, Selenium
16010102	Central Bear River	Low	2020	Sedimentation/Siltation
16010201	Bear Lake	Low	2020	Cause Unknown, Combined Biota/Habitat Bioassessments, Fecal coliform, <i>Escherichia coli</i> , Sedimentation/Siltation, Selenium, Temperature
16010204	Lower Bear River/Malad	Low	2020	Sedimentation/Siltation, Combined Biota/Habitat Bioassessments, Fecal coliform, <i>Escherichia coli</i>
16010203	Little Bear River/Logan	Low	2020	Combined Biota/Habitat Bioassessments
17040206	American Falls Reservoir	Low	2022	Dissolved Oxygen, <i>Escherichia coli</i> , Fecal coliform, Mercury, Nutrient/Eutrophication Biological Indicators, Sedimentation/Siltation
17040207	Blackfoot River	Low	2022	Combined Biota/Habitat Bioassessments, Dissolved Oxygen, <i>Escherichia coli</i> , Sedimentation/Siltation, Selenium, Temperature

17040208	Portneuf River	Low	2022	Dissolved Oxygen, <i>Escherichia coli</i> , Mercury, Nitrogen (Total), Phosphorus (Total), Sedimentation/Siltation, Temperature
----------	----------------	-----	------	---
